

*Estimate
N/A-Not Applicable
N/R-Not Restricted
N/E-Not Established

MATERIAL SAFETY DATA SHEET

NOTE: BLANK SPACES ARE NOT PERMITTED. IF ANY ITEM IS NOT APPLICABLE, THE SPACE MUST BE MARKED TO INDICATE THAT.					
IDENTITY (As shown on Label or package) Vyna Bond excluding 12oz. (F-632)				PART NO. IF APPLICABLE	
SECTION I					
MANUFACTURER'S NAME Plasti Dip International Inc.				EMERGENCY PHONE No. 1-800-424-9300	
ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE) 3920 Pheasant Ridge Drive			REVISION # 0002		
Blaine, MN 55449			MANUFACTURER'S PHONE No. FOR INFORMATION 1-763-785-2156		
			DATE MSDS WAS PREPARED October 7, 2003		
SECTION II - HAZARDOUS INGREDIENTS INFORMATION. All Health Hazards which comprise 1% or greater of the composition and all carcinogens if 0.1% of the composition or greater.					
HAZARDOUS COMPONENTS CHEMICAL and IDENTITY AND COMMON NAME (S)	% Wt. (OPTIONAL)	CAS NO.	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMEND
Methyl Ethyl Ketone	80.2	78-93-3	200 ppm	200 ppm	None
Dimethylformamide	3.7	68-12-2	30 mg/m ³	30 mg/m ³	None
Resins	16.1	N/A	N/A	N/A	None
SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS					
BOILING POINT 175 - 282°F	Specific Gravity (H2O -1) 0.85		APPROXIMATE WEIGHT PER GALLON (LBS) 7.06		
VAPOR PRESSURE 78 mmHg @ 20°C	VAPOR DENSITY (AIR = 1) Heavier than air		EVAPORATION RATE (BUTYL ACETATE =1) >1.0		
SOLUBILITY IN WATER Insoluble	% VOLATILE 83.97%	OTHER (IF ANY)			
APPEARANCE AND ODOR Milky white syrupy liquid, strong odor.					
SECTION IV-FIRE AND EXPLOSION HAZARD DATA					
FLASH POINT 23.0°F (METHOD USED) TCC		FLAMMABLE LIMITS 0.9 - 11.5	LEL 0.9	UEL 11.5	
EXTINGUISHING MEDIA Carbon dioxide, dry chemical, or foam.					
SPECIAL FIRE FIGHTING PROCEDURES Self contained breathing apparatus with a full face piece, operated in pressure demand or other positive pressure mode.					
UNUSUAL FIRE AND EXPLOSION HAZARDS This material is flammable and may be ignited by heat, sparks, flame or static electricity.					
HAZARDOUS PRODUCTS FORMED BY FIRE OR THERMAL DECOMPOSITION Carbon dioxide and/or carbon monoxide.					
EXPLOSIVE LIMITS (% BY VOLUME IN AIR) 0.9 - 11.5					
SECTION V - OPTIONAL HAZARD RATINGS IDENTIFICATION					
HAZARD RATING 4-EXTREME 3-HIGH 2-MODERATE 1-SLIGHT 0-INSIGNIFICANT **SEE SECTION IV		National Fire Protection Association (NFPA) FIRE <u>3</u> REACTIVITY <u>0</u> . HEALTH <u>2</u> SPECIAL HAZARDS <u>None</u> .			

SECTION VI - REACTIVITY AND STABILITY DATA				
STABILITY		UNSTABLE STABLE X		
INCOMPATIBILITY (Materials to Avoid) Strong acids, bases, oxidizing agents, selected amines with alkali metals and halogens.				
HAZARDOUS DECOMPOSITION OR BY PRODUCTS				
HAZARDOUS POLYMERIZATION		MAY OCCUR WILL NOT OCCUR X		CONDITIONS TO AVOID May be ignited by heat, sparks, flame or static electricity
SECTION VII - HEALTH HAZARD DATA				
ROUTES OF ENTRY		INHALATION? YES	SKIN? YES	INGESTION? YES EYES? YES
HEALTH HAZARDS	ACUTE	X		
	CHRONIC	X		
CARCINOGENICITY: No				
SIGNS AND SYMPTOMS OF EXPOSURE				
Headache, Dizziness, Drowsiness, Fatigue, Irregular Heartbeat, Skin and Eye Irritation.				
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE				
EMERGENCY AND FIRST AID PROCEDURES				
Ingestion: Contact Physician or Poison Control Immediately.				
Inhalation: Remove to fresh air. Administer Oxygen or Artificial Respiration if Necessary.				
Eye Contact: Flush with large amounts of water. If irritation persists, contact Physician.				
Skin: Wash with soap and water.				
SECTION VIII - PRECAUTIONS FOR SAFE HANDLING AND USE				
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED				
Floor may be slippery, use care to avoid falling. Dike and contain spill with inert material (sand/earth).				
Transfer liquid to containers for recovery or disposal. Keep spills and runoff out of municipal sewers and open bodies of water.				
If large spill, Notify appropriate state and local agencies.				
WASTE DISPOSAL METHODS Dispose of product in accordance with local, county, state and federal regulations.				
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE				
Avoid eye contact with eyes. Keep container closed. Use with adequate ventilation. Keep away from sparks, flame and heat				
Sources and store in a cool area. Avoid inhalation of vapors and personal contact with liquid product.				
Use good personal hygiene practices.				
OTHER PRECAUTIONS				
Keep Container Closed When Not In Use. Containers should be disposed of in an environmentally safe manner in accordance with Governmental Regulations.				
SECTION IX - CONTROL MEASURES				
RESPIRATORY PROTECTION (SPECIFY TYPE) Depending on the airborne concentration, use a Respirator or gas mask with appropriate NIOSH approved cartridge and cannister, or supplied air equipment.				PROTECTIVE GLOVES Impervious
VENTILATION		SPECIAL None		
		MECHANICAL (GENERAL) To Maintain exposure below P.E.L.'s		
		OTHER None		
EYE PROTECTION Chemical splash goggles or approved eye protection.		OTHER PROTECTIVE CLOTHING OR EQUIPMENT Impervious clothing/boots as needed.		
WORK HYGIENIC PRACTICES Wash thoroughly after handling product.				
SECTION X - TRANSPORTATION INFORMATION				
D.O.T. PROPER SHIPPING NAME Adhesive			D.O.T. HAZARD CLASS 3, PG II	
IF A "CONSUMER COMMODITY ORM-D", WHAT IS THE HAZARD CLASS			3, PG II	
D.O.T. LD. No. (N/C OR N/A) UN 1133				
IATA PROPER SHIPPING NAME Adhesive		IATA HAZARD CLASS 3, PG II		IMO No. N/A
SECTION XI - 313 SUPPLIER NOTIFICATION				
THIS PRODUCT CONTAINS THE FOLLOWING CHEMICALS SUBJECT TO REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT -TO-KNOW ACT OF 1986, 40 CFR 372, (see table on page 1 for CAS # and percent by weight). Methyl Ethyl Ketone and Dimethylformamide				
WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS, OR OTHER REPRODUCTIVE HARM.				

This is the "back" when printed in duplex. Page 2 of 2 pages if not duplex.

Prepared By: _____

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